

# SMART E-CHARGER ST

ALL IN ONE

INTEGRATING FEEDER PILLAR, WIFI HOTSPOT,  
PARKING SENSORS FOR EV BAY ENFORCEMENT

OCPP SUPERVISION



## FUTURE PROOF

VEHICLE ADVANCED COMMUNICATION  
STANDARD READY AS PER IEC 15118  
IEC 61851-1 ED 3 COMPLIANT



## CHARGING PERFORMANCE

RELAY TECHNOLOGY TO SUSTAIN WIDE  
TEMPERATURE RANGE WITHOUT DERATING



## DURABILITY & SAFETY

CERTIFICATION  
BY AN INDEPENDENT LABORATORY



## MADE IN FRANCE

CARBON FOOTPRINT: 776 KG EQ CO<sub>2</sub>  
93% RECYCABLE



## SMART

COMMUNICATING  
ENERGY MANAGEMENT WITH POWER  
ADJUSTMENT BASED ON PRICE SIGNALS



## USER-FRIENDLY

INTUITIVE INTERFACE



**Z.E. READY**  
1.4 CERTIFIED



# TECHNICAL SPECIFICATIONS

## SMART E-CHARGER ST

<b>Charging type</b>	Mode 1&2, Mode 3, fast (7 kW to 22kW)	
<b>Outlet EV sockets</b>	2	
<b>Output charging connector</b>	T2 and domestic socket	
<b>Interface and access</b>	LED indicators	One per charging point Green - Blue - Red
	RFID card (Mifare, DESfire, Calypso) & NFC (access)	
<b>Security and vandalism</b>	T2 socket protection lock during charging	
<b>Communication protocol</b>	OCPP 1.6 JSON	
<b>Communication</b>	Ethernet (from base version) 4G modem Category 1 Housing for modem (xDSL) or fibre adapter TIC (Linky) compatible (French market)	
<b>Safety protection</b>	Lightning arrester Differential circuit breaker Circuit breaker and emergency shut-off button (options)	
<b>Integration of feeder pillar</b>	Includes panel for energy distributor connection, meter and head protection	
<b>Standards and labels</b>	CE IEC 61851-1 & 62196 EV Ready 1.4G Workplace Charging Scheme (WCS) compliant (ADVENIR in France) ISO 15118 ready	
<b>Options</b>	Energy consumption log for each charge Bay occupancy sensors Advanced energy management WiFi hotspot	
<b>Origin</b>	French: 88% of components from French origin	
<b>Warranty</b>	2 years	
<b>Casing</b>	Stainless steel Colours: White RAL 9010/Grey RAL 7000/Black RAL 9011 Anti-corrosion treatment, anti-graffiti (option)	
<b>Customisation</b>	Possibility of customising the colours (RAL shades) - optional Adhesive personalisation wrap (option) Customisation of the charge point frontage design (option) Anti-UV, scratchproof treated plexiglass facing	
<b>Weight/dimensions</b>	78 kg, Overall: 1470 x 700 x 280 mm (H x W x D), DDA compliant	
<b>Operating conditions</b>	Operating temperature (at maximum output)	-30°C to +50°C (-22 °F à +122 °F)
	Storage temperature	-30°C to +70°C (-22 °F à +158 °F)
	Relative humidity	5% to 95%
	Installation environment	Outdoors
	Protection factor	IP55
	Mechanical impact resistance	IK10
	Energy supply	Three phase 32A (22kW)

Specifications are subject to change without notice and are not legally binding. 988-ST/ANGL/V1/01-2019.

## SOLUTIONS

### OPTION 1 :

Energy management: power limitation, smart distribution, modulation of power on price signals (ADVENIR compatible).

### OPTION 2 :

Reporting power consumption data locally (without subscription, without data stream).